

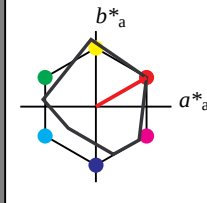
Eingabe: Farbmetrisches Reflexions-System MRS18

für Buntton $h^* = lab^*h = 30/360 = 0.083$ lab^*ch und lab^*nch

D65: Buntton R

LCH*Ma: 50 77 30

rgb*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^* 

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	95.41	-0.97	4.75	
LAB*LAB	95.41	0.0	0.0	
LAB*LAB	95.41	0.0	0.0	

relative Inform. Technology (IT)

olvi3*	1.0	0.75	0.75	(1.0)
cmyn3*	0.0	0.25	0.25	(0.0)
olvi4*	1.0	0.75	0.75	(1.0)
cmyn4*	0.0	0.25	0.25	(0.0)
LAB*LAB	83.54	15.58	16.58	
LAB*LAB	83.54	16.34	12.62	
LAB*LAB	83.54	16.34	12.62	

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	76.06	-0.6	3.44	
LAB*LAB	76.06	0.0	0.0	
LAB*LAB	76.06	0.0	0.0	

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	56.71	-0.23	2.14	
LAB*LAB	56.71	0.0	0.0	
LAB*LAB	56.71	0.0	0.0	

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	45.26	16.72	10.97	
LAB*LAB	45.26	16.72	10.97	
LAB*LAB	45.26	16.72	10.97	

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	33.82	33.67	19.79	
LAB*LAB	33.82	33.67	19.79	
LAB*LAB	33.82	33.67	19.79	

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	25.92	17.08	9.66	
LAB*LAB	25.92	17.08	9.66	
LAB*LAB	25.92	17.08	9.66	

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	18.02	18.02	0.46	
LAB*LAB	18.02	18.02	0.46	
LAB*LAB	18.02	18.02	0.46	

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	10.01	10.01	0.01	
LAB*LAB	10.01	10.01	0.01	
LAB*LAB	10.01	10.01	0.01	

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	0.0	0.0	0.0	
LAB*LAB	0.0	0.0	0.0	
LAB*LAB	0.0	0.0	0.0	

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	0.0	0.0	0.0	
LAB*LAB	0.0	0.0	0.0	
LAB*LAB	0.0	0.0	0.0	

MRS18; adaptierte CIELAB-Daten

	L*	a*	b*	C*	h*
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50BMa	45.03	-36.57	-28.47	46.36	218
BMa	36.65	23.19	-63.05	67.18	290
B50RMa	34.94	57.17	-44.26	72.31	322
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

 $g^*_{H,rel} = 41$ $g^*_{C,rel} = 52$

n* = 0.00

n* = 0.25

n* = 0.50

n* = 0.75

n* = 1.00

n* = 1.25

n* = 1.50

n* = 1.75

n* = 2.00

n* = 2.25

n* = 2.50

n* = 2.75

n* = 3.00

n* = 3.25

n* = 3.50

n* = 3.75

n* = 4.00

n* = 4.25

n* = 4.50

n* = 4.75

n* = 5.00

n* = 5.25

n* = 5.50

n* = 5.75

n* = 6.00

n* = 6.25

n* = 6.50

n* = 6.75

n* = 7.00

n* = 7.25

n* = 7.50

n* = 7.75

n* = 8.00

n* = 8.25

n* = 8.50

n* = 8.75

n* = 9.00

n* = 9.25

n* = 9.50

n* = 9.75

n* = 10.00

n* = 10.25

n* = 10.50

n* = 10.75

n* = 11.00

n* = 11.25

n* = 11.50

n* = 11.75

n* = 12.00

n* = 12.25

n* = 12.50

n* = 12.75

n* = 13.00

n* = 13.25

n* = 13.50

n* = 13.75

n* = 14.00

n* = 14.25

n* = 14.50

n* = 14.75

n* = 15.00

n* = 15.25

n* = 15.50

n* = 15.75

n* = 16.00

n* = 16.25

n* = 16.50

n* = 16.75

n* = 17.00

n* = 17.25

n* = 17.50

n* = 17.75

n* = 18.00

n* = 18.25

n* = 18.50

n* = 18.75

n* = 19.00

n* = 19.25

n* = 19.50

n* = 19.75

n* = 20.00

n* = 20.25

n* = 20.50

n* = 20.75

n* = 21.00

n* = 21.25

n* = 21.50

n* = 21.75

n* = 22.00

n* = 22.25

n* = 22.50

n* = 22.75

n* = 23.00

n* = 23.25

n* = 23.50

n* = 23.75

n* = 24.00

n* = 24.25

n* = 24.50

n* = 24.75

n* = 25.00

n* = 25.25

n* = 25.50

n* = 25.75

n* = 26.00

n* = 26.25

n* = 26.50

n* = 26.75

n* = 27.00

n* = 27.25

n* = 27.50

n* = 27.75

n* = 28.00

n* = 28.25

n* = 28.50

n* = 28.75

n* = 29.00

n* = 29.25

n* = 29.50

n* = 29.75

n* = 30.00

n* = 30.25

n* = 30.50

n* = 30.75

n* = 31.00

n* = 31.25

n* = 31.50

n* = 31.75

n* = 32.00

n* = 32.25

n* = 32.50

n* = 32.75

n* = 33.00

n* = 33.25

n* = 33.50

n* = 33.75

n* = 34.00

n* = 34.25

n* = 34.50

n* = 34.75

n* = 35.00

n* = 35.25

n* = 35.50

n* = 35.75

n* = 36.00

n* = 36.25

n* = 36.50

n* = 36.75

n* = 37.00

n* = 37.25

n* = 37.50

n* = 37.75

n* = 38.00

n* = 38.25

n* = 38.50

n* = 38.75

n* = 39.00

n* = 39.25

n* = 39.50

n* = 39.75

n* = 40.00

n* = 40.25

n* = 40.50

n* = 40.75

n* = 41.00

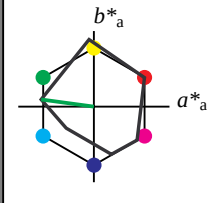
Eingabe: Farbmetrisches Reflexions-System MRS18

für Buntton $h^* = lab^*h = 172/360 = 0.479$ lab^*ch und lab^*nch

D65: Buntton G

LCH*Ma: 52 70 172

rgb*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 91$

relative Inform. Technology (IT)

olvi3* 1.0 1.0 1.0 (1.0)

cmyn3* 0.0 0.0 0.0 (0.0)

olvi4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 95.41 -0.97 4.75

LAB*LABa 95.41 0.0 0.0

LAB*LABb 95.41 0.0 0.0

relative CIELAB lab*

lab*lab 1.0 0.0 0.0

lab*ch 1.0 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 1.0 0.0 0.0

lab*ch 1.0 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.75 0.75 0.75 (1.0)

cmyn3* 0.25 0.25 0.25 (0.0)

olvi4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 76.06 -0.6 3.44

LAB*LABa 76.06 0.0 0.0

LAB*LABb 76.06 0.0 0.0

relative CIELAB lab*

lab*lab 1.0 0.0 0.0

lab*ch 0.75 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 1.0 0.0 0.0

lab*ch 0.75 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.5 0.5 0.5 (1.0)

cmyn3* 0.5 0.5 0.5 (0.0)

olvi4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 56.71 -0.23 2.14

LAB*LABa 56.71 0.0 0.0

LAB*LABb 56.71 0.0 0.0

relative CIELAB lab*

lab*lab 1.0 0.0 0.0

lab*ch 0.5 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 1.0 0.0 0.0

lab*ch 0.5 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.25 0.25 0.25 (1.0)

cmyn3* 0.75 0.75 0.75 (0.0)

olvi4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 37.36 -0.83 0.83

LAB*LABa 37.36 0.0 0.0

LAB*LABb 37.36 0.0 0.0

relative CIELAB lab*

lab*lab 1.0 0.0 0.0

lab*ch 0.25 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 1.0 0.0 0.0

lab*ch 0.25 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (0.0)

olvi4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 18.02 0.46 0.46

LAB*LABa 18.02 0.0 0.0

LAB*LABb 18.02 0.0 0.0

relative CIELAB lab*

lab*lab 1.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 1.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (0.0)

olvi4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 0.01 0.01

LAB*LABa 0.01 0.01

LAB*LABb 0.01 0.01

relative CIELAB lab*

lab*lab 1.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 1.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (0.0)

olvi4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 0.01 0.01

LAB*LABa 0.01 0.01

LAB*LABb 0.01 0.01

relative CIELAB lab*

lab*lab 1.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 1.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

MRS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50BMa	45.03	-36.57	-28.47	46.36	218
BMa	36.65	23.19	-63.05	67.18	290
B50RMa	34.94	57.17	-44.26	72.31	322
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

 $g^*_{H,rel} = 41$ $g^*_{C,rel} = 52$

relative Inform. Technology (IT)

olvi3* 0.5 0.5 0.5 (1.0)

cmyn3* 0.5 0.5 0.5 (0.0)

olvi4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 73.75 -35.42 8.02

LAB*LABa 73.75 -34.85 4.72

LAB*LABb 73.75 -35.18 17.29

relative CIELAB lab*

lab*lab 0.72 -0.94 0.067

lab*ch 0.75 0.5 0.479

lab*nch 0.0 0.5 0.479

relative Natural Colour (NC)

lab*lab 0.72 -0.94 0.067

lab*ch 0.75 0.5 0.479

lab*nch 0.0 0.5 0.479

relative Inform. Technology (IT)

olvi3* 0.25 0.25 0.25 (1.0)

cmyn3* 0.75 0.75 0.75 (0.0)

olvi4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 54.41 -35.05 6.71

LAB*LABa 54.41 -34.86 4.72

LAB*LABb 54.41 -35.18 17.29

relative CIELAB lab*

lab*lab 0.61 -0.94 0.067

lab*ch 0.62 0.25 0.479

lab*nch 0.25 0.25 0.479

relative Natural Colour (NC)

lab*lab 0.61 -0.94 0.067

lab*ch 0.62 0.25 0.479

lab*nch 0.25 0.25 0.479

relative Inform. Technology (IT)

olvi3* 0.1 0.1 0.1 (1.0)

cmyn3* 0.9 0.9 0.9 (0.0)

olvi4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 45.88 -17.46 3.78

LAB*LABa 45.88 -17.42 3.78

LAB*LABb 45.88 -17.42 3.78

relative CIELAB lab*

lab*lab 0.36 -0.247 -0.028

lab*ch 0.36 0.75 0.518

lab*nch 0.36 0.75 0.518

relative Natural Colour (NC)

lab*lab 0.36 -0.247 -0.028

lab*ch 0.36 0.75 0.518

lab*nch 0.36 0.75 0.518

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (0.0)

olvi4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 26.24 -17.29 2.36

LAB*LABa 26.24 -17.29 2.36

LAB*LABb 26.24 -17.29 2.36

relative CIELAB lab*

lab*lab 0.11 -0.247 0.034

lab*ch 0.125 0.25 0.479

lab*nch 0.125 0.25 0.479

relative Natural Colour (NC)

lab*lab 0.11 -0.247 0.034

lab*ch 0.125 0.25 0.479

lab*nch 0.125 0.25 0.479

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (0.0)

olvi4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 18.02 0.46 0.46

LAB*LABa 18.02 0.0 0.0

LAB*LABb 18.02 0.0 0.0

relative CIELAB lab*

lab*lab 1.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 1.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (0.0)

olvi4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 0.01 0.01

LAB*LABa 0.01 0.01

LAB*LABb 0.01 0.01

relative CIELAB lab*

lab*lab 1.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 1.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

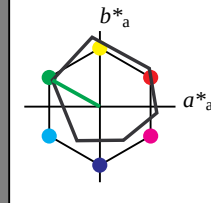
Ausgabe: Farbmetrisches Reflexions-System ORS18

für Buntton $h^* = lab^*h = 151/360 = 0.419$ lab^*ch und lab^*nch

D65: Buntton L

LCH*Ma: 51 72 151

rgb*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 93$

relative Inform. Technology (IT)

olvi3* 1.0 1.0 1.0 (1.0)

cmyn3* 0.0 0.0 0.0 (0.0)

olvi4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

relative CIELAB lab*

lab*lab 1.0 0.0 0.0

lab*ch 1.0 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 1.0 0.0 0.0

lab*ch 1.0 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.75 0.75 0.75 (1.0)

cmyn3* 0.25 0.25 0.25 (0.0)

olvi4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 76.06 -0.6 3.44

LAB*LABa 76.06 0.0 0.0

LAB*LABb 76.06 0.0 0.0

relative CIELAB lab*

lab*lab 1.0 0.0 0.0

lab*ch 0.75 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 1.0 0.0 0.0

lab*ch 0.75 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.5 0.5 0.5 (1.0)

cmyn3* 0.5 0.5 0.5 (0.0)

olvi4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 56.71 -0.23 2.14

LAB*LABa 56.71 0.0 0.0

LAB*LABb 56.71 0.0 0.0

relative CIELAB lab*

lab*lab 1.0 0.0 0.0

lab*ch 0.5 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 1.0 0.0 0.0

lab*ch 0.5 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.25 0.25 0.25 (1.0)

cmyn3* 0.75 0.75 0.75 (0.0)

olvi4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 37.36 -0.83 0.83

LAB*LABa 37.36 0.0 0.0

LAB*LABb 37.36 0.0 0.0

relative CIELAB lab*

lab*lab 1.0 0.0 0.0

lab*ch 0.25 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 1.0 0.0 0.0

lab*ch 0.25 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (0.0)

olvi4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 18.02 0.46 0.46

LAB*LABa 18.02 0.0 0.0

LAB*LABb 18.02 0.0 0.0

relative CIELAB lab*

lab*lab 1.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 1.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (0.0)

olvi4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 0.01 0.01

LAB*LABa 0.01 0.01

LAB*LABb 0.01 0.01

relative CIELAB lab*

lab*lab 1.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 1.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (0.0)

olvi4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 0.01 0.01

LAB*LABa 0.01 0.01

LAB*LABb 0.01 0.01

relative CIELAB lab*

lab*lab 1.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 1.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

 g^*

für 10 Bunttöne: $\text{Startup (S) data dependend}$

Eingabe: Farbmetrisches Reflexions-System MRS18

für Buntton $h^* = lab^*h = 290/360 = 0.806$

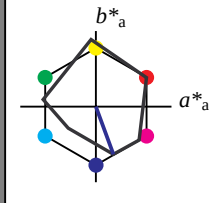
lab^*ch und lab^*nch

D65: Buntton B

LCH*Ma: 37 67 290

rgb*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 91$

relative Inform. Technology (IT)
olvi3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 1.0
cmyn4* 0.0 0.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 95.41 -0.97 4.75
LAB*LABa 95.41 0.0 0.0
LAB*LABb 95.41 0.0 0.0
LAB*LABc 95.41 0.0 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*trc 1.0 0.0 0.0
lab*trb 1.0 0.0 0.0
lab*trg 1.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 0.75
cmyn4* 0.0 0.0 0.0 0.25
standard and adapted CIELAB
LAB*LAB 76.06 -0.6 3.44
LAB*LABa 76.06 0.0 0.0
LAB*LABb 76.06 0.0 0.0
LAB*LABc 76.06 0.0 0.0

relative CIELAB lab*
lab*lab 0.75 0.75 0.75 (1.0)
lab*ch 0.75 0.75 0.75 (0.0)
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.75 0.75 (0.0)
lab*trc 0.75 0.75 0.75 (0.0)
lab*trb 0.75 0.75 0.75 (0.0)
lab*trg 0.75 0.75 0.75 (0.0)

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 0.5
cmyn4* 0.0 0.0 0.0 0.5
standard and adapted CIELAB
LAB*LAB 56.71 -0.23 2.14
LAB*LABa 56.71 0.0 0.0
LAB*LABb 56.71 0.0 0.0
LAB*LABc 56.71 0.0 0.0

relative CIELAB lab*
lab*lab 0.5 0.5 0.5 (0.0)
lab*ch 0.5 0.5 0.5 (0.0)
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.5 0.5 (0.0)
lab*trc 0.5 0.5 0.5 (0.0)
lab*trb 0.5 0.5 0.5 (0.0)
lab*trg 0.5 0.5 0.5 (0.0)

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olvi4* 1.0 1.0 1.0 0.25
cmyn4* 0.0 0.0 0.0 0.75
standard and adapted CIELAB
LAB*LAB 37.67 11.92 31.35
LAB*LABa 37.67 0.0 0.0
LAB*LABb 37.67 0.0 0.0
LAB*LABc 37.67 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (0.0)
lab*ch 0.25 0.25 0.25 (0.0)
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.25 0.25 (0.0)
lab*trc 0.25 0.25 0.25 (0.0)
lab*trb 0.25 0.25 0.25 (0.0)
lab*trg 0.25 0.25 0.25 (0.0)

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olvi4* 1.0 1.0 1.0 0.0
cmyn4* 0.0 0.0 0.0 0.75
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*LABa 18.02 0.0 0.0
LAB*LABb 18.02 0.0 0.0
LAB*LABc 18.02 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*trb 0.0 0.0 0.0
lab*trg 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 0.0
cmyn4* 0.0 0.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LABa 0.0 0.0 0.0
LAB*LABb 0.0 0.0 0.0
LAB*LABc 0.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*trb 0.0 0.0 0.0
lab*trg 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 0.0
cmyn4* 0.0 0.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LABa 0.0 0.0 0.0
LAB*LABb 0.0 0.0 0.0
LAB*LABc 0.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*trb 0.0 0.0 0.0
lab*trg 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 0.0
cmyn4* 0.0 0.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LABa 0.0 0.0 0.0
LAB*LABb 0.0 0.0 0.0
LAB*LABc 0.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*trb 0.0 0.0 0.0
lab*trg 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 0.0
cmyn4* 0.0 0.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LABa 0.0 0.0 0.0
LAB*LABb 0.0 0.0 0.0
LAB*LABc 0.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*trb 0.0 0.0 0.0
lab*trg 0.0 0.0 0.0

MRS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50BMa	45.03	-36.57	-28.47	46.36	218
BMa	36.65	23.19	-63.05	67.18	290
B50RMa	34.94	57.17	-44.26	72.31	322
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

$g^*_{H,rel} = 41$

$g^*_{C,rel} = 52$

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 0.5 0.5 0.5 1.0
cmyn4* 0.5 0.5 0.5 0.0
standard and adapted CIELAB
LAB*LAB 66.03 11.29 -28.74
LAB*LABa 66.03 11.29 -28.74
LAB*LABb 66.03 11.29 -28.74
LAB*LABc 66.03 11.29 -28.74

relative CIELAB lab*
lab*lab 0.5 0.5 0.5 (1.0)
lab*ch 0.5 0.5 0.5 (0.0)
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.5 0.5 (1.0)
lab*trc 0.5 0.5 0.5 (0.0)
lab*trb 0.5 0.5 0.5 (0.0)
lab*trg 0.5 0.5 0.5 (0.0)

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olvi4* 0.25 0.25 0.25 0.0
cmyn4* 0.75 0.75 0.75 1.0
standard and adapted CIELAB
LAB*LAB 46.68 11.39 -31.52
LAB*LABa 46.68 11.39 -31.52
LAB*LABb 46.68 11.39 -31.52
LAB*LABc 46.68 11.39 -31.52

relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (0.0)
lab*ch 0.25 0.25 0.25 (0.0)
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.25 0.25 (0.0)
lab*trc 0.25 0.25 0.25 (0.0)
lab*trb 0.25 0.25 0.25 (0.0)
lab*trg 0.25 0.25 0.25 (0.0)

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olvi4* 0.0 0.0 0.0 0.0
cmyn4* 0.75 0.75 0.75 0.0
standard and adapted CIELAB
LAB*LAB 32.10 17.62 -46.8
LAB*LABa 32.10 17.62 -46.8
LAB*LABb 32.10 17.62 -46.8
LAB*LABc 32.10 17.62 -46.8

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*trb 0.0 0.0 0.0
lab*trg 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 0.0
cmyn4* 0.0 0.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LABa 0.0 0.0 0.0
LAB*LABb 0.0 0.0 0.0
LAB*LABc 0.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*trb 0.0 0.0 0.0
lab*trg 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 0.0
cmyn4* 0.0 0.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LABa 0.0 0.0 0.0
LAB*LABb 0.0 0.0 0.0
LAB*LABc 0.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*trb 0.0 0.0 0.0
lab*trg 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 0.0
cmyn4* 0.0 0.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LABa 0.0 0.0 0.0
LAB*LABb 0.0 0.0 0.0
LAB*LABc 0.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*trb 0.0 0.0 0.0
lab*trg 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 0.0
cmyn4* 0.0 0.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LABa 0.0 0.0 0.0
LAB*LABb 0.0 0.0 0.0
LAB*LABc 0.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*trb 0.0 0.0 0.0
lab*trg 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 0.0
cmyn4* 0.0 0.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LABa 0.0 0.0 0.0
LAB*LABb 0.0 0.0 0.0
LAB*LABc 0.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*trb 0.0 0.0 0.0
lab*trg 0.0 0.0 0.0

Ausgabe: Farbmetrisches Reflexions-System ORS18

für Buntton $h^* = lab^*h = 305/360 = 0.847$

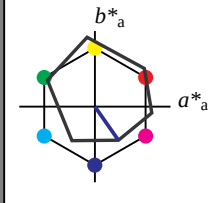
lab^*ch und lab^*nch

D65: Buntton V

LCH*Ma: 26 54 305

rgb*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

relative Inform. Technology (IT)
olvi3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 1.0
cmyn4* 0.0 0.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 95.41 -0.97 4.75
LAB*LABa 95.41 0.0 0.0
LAB*LABb 95.41 0.0 0.0
LAB*LABc 95.41 0.0 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*trc 1.0 0.0 0.0
lab*trb 1.0 0.0 0.0
lab*trg 1.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 0.75
cmyn4* 0.0 0.0 0.0 0.25
standard and adapted CIELAB
LAB*LAB 76.06 -0.6 3.44
LAB*LABa 76.06 0.0 0.0
LAB*LABb 76.06 0.0 0.0
LAB*LABc 76.06 0.0 0.0

relative CIELAB lab*
lab*lab 0.75 0.75 0.75 (1.0)
lab*ch 0.75 0.75 0.75 (0.0)
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.75 0.75 (0.0)
lab*trc 0.75 0.75 0.75 (0.0)
lab*trb 0.75 0.75 0.75 (0.0)
lab*trg 0.75 0.75 0.75 (0.0)

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 0.5
cmyn4* 0.0 0.0 0.0 0.5
standard and adapted CIELAB
LAB*LAB 56.71 -0.23 2.14
LAB*LABa 56.71 0.0 0.0
LAB*LABb 56.71 0.0 0.0
LAB*LABc 56.71 0.0 0.0

relative CIELAB lab*
lab*lab 0.5 0.5 0.5 (0.0)
lab*ch 0.5 0.5 0.5 (0.0)
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.5 0.5 (0.0)
lab*trc 0.5 0.5 0.5 (0.0)
lab*trb 0.5 0.5 0.5 (0.0)
lab*trg 0.5 0.5 0.5 (0.0)

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olvi4* 0.25 0.25 0.25 0.0
cmyn4* 0.75 0.75 0.75 1.0
standard and adapted CIELAB
LAB*LAB 37.67 11.92 31.35
LAB*LABa 37.67 0.0 0.0
LAB*LABb 37.67 0.0 0.0
LAB*LABc 37.67 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (0.0)
lab*ch 0.25 0.25 0.25 (0.0)
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.25 0.25 (0.0)
lab*trc 0.25 0.25 0.25 (0.0)
lab*trb 0.25 0.25 0.25 (0.0)
lab*trg 0.25 0.25 0.25 (0.0)

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olvi4* 0.0 0.0 0.0 0.0
cmyn4* 0.75 0.75 0.75 0.0
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*LABa 18.02 0.0 0.0
LAB*LABb 18.02 0.0 0.0
LAB*LABc 18.02 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*trb 0.0 0.0 0.0
lab*trg 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 0.0
cmyn4* 0.0 0.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LABa 0.0 0.0 0.0
LAB*LABb 0.0 0.0 0.0
LAB*LABc 0.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*trb 0.0 0.0 0.0
lab*trg 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 0.0
cmyn4* 0.0 0.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LABa 0.0 0.0 0.0
LAB*LABb 0.0 0.0 0.0
LAB*LABc 0.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*trb 0.0 0.0 0.0
lab*trg 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 0.0
cmyn4* 0.0 0.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LABa 0.0 0.0 0.0
LAB*LABb 0.0 0.0 0.0
LAB*LABc 0.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*trb 0.0 0.0 0.0
lab*trg 0.0 0.0 0.0

Siehe ähnliche Dateien: <http://www.ps.bam.de/UG55/>
Technische Information: <http://www.ps.bam.de> Version 2.1, io=0,0?

www.ps.bam.de/UG55/10S/S55G06SP.PS/.PDF;
S: Ausgabe-Linearisierung (OL-Daten) UG55/10S/S55G06SP.DAT im Distiller Startup (S) Directory

BAM-Registrierung: 20060101-UG55/10S/S55G06SP.PS/.PDF BAM-Material: Code=rhatha
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen
/UG55/ Form: 7/10, Seite: 1/1, Seite: 7
Seitenhang 7

Eingabe: Farbmetrisches Reflexions-System MRS18

für Buntton $h^* = lab^*h = 25/360 = 0.069$

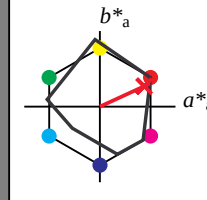
lab^*ch und lab^*nch

D65: Buntton R

LCH*Ma: 48 73 25

rgb*Ma: 1.0 0.0 0.1

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
olvi3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	1.0	1.0	1.0	(1.0)
olvi5*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	95.41	-0.97	4.75	
LAB*LAB	95.41	0.0	0.0	
LAB*LAB	95.41	0.0	0.0	

relative Inform. Technology (IT)

olvi3*	1.0	0.75	0.75	(1.0)
olvi3*	0.0	0.25	0.25	(0.0)
olvi4*	1.0	0.75	0.75	(1.0)
olvi4*	0.0	0.25	0.25	(0.0)
olvi5*	1.0	0.75	0.75	(1.0)
olvi5*	0.0	0.25	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	83.6	15.74	11.55	
LAB*LAB	83.6	16.5	7.59	
LAB*LAB	83.6	16.5	7.59	

relative Inform. Technology (IT)

olvi3*	1.0	0.5	0.548	(1.0)
olvi3*	0.0	0.452	0.452	(0.0)
olvi4*	1.0	0.5	0.548	(1.0)
olvi4*	0.0	0.452	0.452	(0.0)
olvi5*	1.0	0.5	0.548	(1.0)
olvi5*	0.0	0.452	0.452	(0.0)
standard and adapted CIELAB				
LAB*LAB	60.0	49.2	25.13	
LAB*LAB	60.0	49.2	25.13	
LAB*LAB	60.0	49.2	25.13	

relative Inform. Technology (IT)

olvi3*	1.0	0.5	0.548	(1.0)
olvi3*	0.0	0.452	0.452	(0.0)
olvi4*	1.0	0.5	0.548	(1.0)
olvi4*	0.0	0.452	0.452	(0.0)
olvi5*	1.0	0.5	0.548	(1.0)
olvi5*	0.0	0.452	0.452	(0.0)
standard and adapted CIELAB				
LAB*LAB	60.0	49.2	25.13	
LAB*LAB	60.0	49.2	25.13	
LAB*LAB	60.0	49.2	25.13	

relative Inform. Technology (IT)

olvi3*	1.0	0.5	0.548	(1.0)
olvi3*	0.0	0.452	0.452	(0.0)
olvi4*	1.0	0.5	0.548	(1.0)
olvi4*	0.0	0.452	0.452	(0.0)
olvi5*	1.0	0.5	0.548	(1.0)
olvi5*	0.0	0.452	0.452	(0.0)
standard and adapted CIELAB				
LAB*LAB	60.0	49.2	25.13	
LAB*LAB	60.0	49.2	25.13	
LAB*LAB	60.0	49.2	25.13	

relative Inform. Technology (IT)

olvi3*	1.0	0.5	0.548	(1.0)
olvi3*	0.0	0.452	0.452	(0.0)
olvi4*	1.0	0.5	0.548	(1.0)
olvi4*	0.0	0.452	0.452	(0.0)
olvi5*	1.0	0.5	0.548	(1.0)
olvi5*	0.0	0.452	0.452	(0.0)
standard and adapted CIELAB				
LAB*LAB	60.0	49.2	25.13	
LAB*LAB	60.0	49.2	25.13	
LAB*LAB	60.0	49.2	25.13	

relative Inform. Technology (IT)

olvi3*	1.0	0.5	0.548	(1.0)
olvi3*	0.0	0.452	0.452	(0.0)
olvi4*	1.0	0.5	0.548	(1.0)
olvi4*	0.0	0.452	0.452	(0.0)
olvi5*	1.0	0.5	0.548	(1.0)
olvi5*	0.0	0.452	0.452	(0.0)
standard and adapted CIELAB				
LAB*LAB	60.0	49.2	25.13	
LAB*LAB	60.0	49.2	25.13	
LAB*LAB	60.0	49.2	25.13	

relative Inform. Technology (IT)

olvi3*	1.0	0.5	0.548	(1.0)
olvi3*	0.0	0.452	0.452	(0.0)
olvi4*	1.0	0.5	0.548	(1.0)
olvi4*	0.0	0.452	0.452	(0.0)
olvi5*	1.0	0.5	0.548	(1.0)
olvi5*	0.0	0.452	0.452	(0.0)
standard and adapted CIELAB				
LAB*LAB	60.0	49.2	25.13	
LAB*LAB	60.0	49.2	25.13	
LAB*LAB	60.0	49.2	25.13	

relative Inform. Technology (IT)

olvi3*	1.0	0.5	0.548	(1.0)
olvi3*	0.0	0.452	0.452	(0.0)
olvi4*	1.0	0.5	0.548	(1.0)
olvi4*	0.0	0.452	0.452	(0.0)
olvi5*	1.0	0.5	0.548	(1.0)
olvi5*	0.0	0.452	0.452	(0.0)
standard and adapted CIELAB				
LAB*LAB	60.0	49.2	25.13	
LAB*LAB	60.0	49.2	25.13	
LAB*LAB	60.0	49.2	25.13	

relative Inform. Technology (IT)

olvi3*	1.0	0.5	0.548	(1.0)
olvi3*	0.0	0.452	0.452	(0.0)
olvi4*	1.0	0.5	0.548	(1.0)
olvi4*	0.0	0.452	0.452	(0.0)
olvi5*	1.0	0.5	0.548	(1.0)
olvi5*	0.0	0.452	0.452	(0.0)
standard and adapted CIELAB				
LAB*LAB	60.0	49.2	25.13	
LAB*LAB	60.0	49.2	25.13	
LAB*LAB	60.0	49.2	25.13	

MRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50BMa	45.03	-36.57	-28.47	46.36	218
BMa	36.65	23.19	-63.05	67.18	290
B50RMa	34.94	57.17	-44.26	72.31	322
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

$g^*_{H,rel} = 41$

$g^*_{C,rel} = 52$

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,50$

0,75

1,00

$n^* = 1,00$

relative Buntheit c^*

Ausgabe: Farbmetrisches Reflexions-System ORS18

für Buntton $h^* = lab^*h = 25/360 = 0.069$

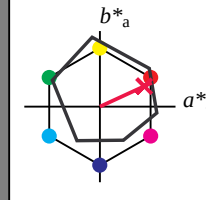
lab^*ch und lab^*nch

D65: Buntton R

LCH*Ma: 48 75 25

rgb*Ma: 1.0 0.0 0.32

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
olvi3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	1.0	1.0	1.0	(1.0)
olvi5*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	95.41	-0.97	4.75	
LAB*LAB	95.41	0.0	0.0	
LAB*LAB	95.41	0.0	0.0	

relative Inform. Technology (IT)

olvi3*	1.0	0.75	0.831	(1.0)
olvi3*	0.0	0.25	0.169	(0.0)
olvi4*	1.0	0.75	0.831	(1.0)
olvi4*	0.0	0.25	0.169	(0.0)
olvi5*	1.0	0.75	0.831	(1.0)
olvi5*	0.0	0.25	0.169	(0.0)
standard and adapted CIELAB				
LAB*LAB	83.55	16.38	11.84	
LAB*LAB	83.55	17.13	7.88	
LAB*LAB	83.55	17.13	7.88	

relative Inform. Technology (IT)

olvi3*	1.0	0.5	0.548	(1.0)
olvi3*	0.0	0.452	0.452	(0.0)
olvi4*	1.0	0.5	0.548	(1.0)
olvi4*	0.0	0.452	0.452	(0.0)
olvi5*	1.0	0.5	0.548	(1.0)
olvi5*	0.0	0.452	0.452	(0.0)
standard and adapted CIELAB				
LAB*LAB	60.0	49.2	25.13	
LAB*LAB	60.0	49.2	25.13	
LAB*LAB	60.0	49.2	25.13	

relative Inform. Technology (IT)

olvi3*	1.0	0.5	0.548	(1.0)
olvi3*	0.0	0.452	0.452	(0.0)
olvi4*	1.0	0.5	0.548	(1.0)
olvi4*	0.0	0.452	0.452	(0.0)
olvi5*	1.0	0.5	0.548	(1.0)
olvi5*	0.0	0.452	0.452	(0.0)
standard and adapted CIELAB				
LAB*LAB	60.0	49.2	25.13	
LAB*LAB	60.0	49.2	25.13	
LAB*LAB	60.0	49.2	25.13	

relative Inform. Technology (IT)

olvi3*	1.0	0.5	0.548	(1.0)
olvi3*	0.0	0.452	0.452	(0.0)
olvi4*	1.0	0.5	0.548	(1.0)
olvi4*	0.0	0.452	0.452	(0.0)
olvi5*	1.0	0.5	0.548	(1.0)
olvi5*	0.0	0.452	0.452	(0.0)
standard and adapted CIELAB				
LAB*LAB	60.0	49.2	25.13	
LAB*LAB	60.0	49.2	25.13	
LAB*LAB	60.0	49.2	25.13	

relative Inform. Technology (IT)

olvi3*	1.0	0.5	0.548	(1.0)
olvi3*	0.0	0.452	0.452	(0.0)
olvi4*	1.0	0.5	0.548	(1.0)
olvi4*	0.0	0.452	0.452	(0.0)
olvi5*	1.0	0.5	0.548	(1.0)
olvi5*	0.0	0.452	0.452	(0.0)
standard and adapted CIELAB				
LAB*LAB	60.0	49.2	25.13	
LAB*LAB	60.0	49.2	25.13	
LAB*LAB	60.0	49.2	25.13	

relative Inform. Technology (IT)

olvi3*	1.0	0.5	0.548	(1.0)
olvi3*	0.0	0.452	0.452	(0.0)
olvi4*	1.0	0.5	0.548	(1.0)
olvi4*	0.0	0.452	0.452	(0.0)
olvi5*	1.0	0.5	0.548	(1.0)
olvi5*	0.0	0.452	0.452	(0.0)
standard and adapted CIELAB				
LAB*LAB	60.0	49.2	25.13	
LAB*LAB	60.0	49.2	25.13	
LAB*LAB	60.0	49.2	25.13	

relative Inform. Technology (IT)

olvi3*	1.0	0.5	0.548	(1.0)
olvi3*	0.0	0.452	0.452	(0.0)
olvi4*	1.0	0.5	0.548	(1.0)
olvi4*	0.0	0.452	0.452	(0.0)
olvi5*	1.0	0.5	0.548	(1.0)
olvi5*	0.0	0.452	0.452	(0.0)
standard and adapted CIELAB				
LAB*LAB	60.0	49.2	25.13	
LAB*LAB	60.0	49.2	25.13	
LAB*LAB	60.0	49.2	25.13	

relative Inform. Technology (IT)

olvi3*	1.0	0.5	0.548	(1.0)
olvi3*	0.0	0.452	0.452	(0.0)
olvi4*	1.0	0.5	0.548	(1.0)
olvi4*	0.0	0.452	0.452	(0.0)
olvi5*	1.0	0.5	0.548	(1.0)
olvi5*	0.0	0.452	0.452	(0.0)
standard and adapted CIELAB				
LAB*LAB	60.0	49.2	25.13	
LAB*LAB	60.0	49.2	25.13	
LAB*LAB	60.0	49.2	25.13	

relative Inform. Technology (IT)

olvi3*	1.0	0.5	0.548	(1.0)
olvi3*	0.0	0.452	0.452	(0.0)
olvi4*	1.0	0.5	0.548	(1.0)
olvi4*	0.0	0.452	0.452	(0.0)
olvi5*	1.0	0.5	0.548	(1.0)
olvi5*	0.0	0.452	0.452	(0.0)
standard and adapted CIELAB				
LAB*LAB	60.0	49.2	25.13	
LAB*LAB	60.0	49.2	25.13	
LAB*LAB	60.0	49.2	25.13	

$n^* = 1,00$

relative Buntheit c^*

UG55-7, 5 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.069 (links)

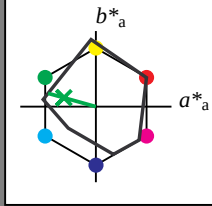
Eingabe: Farbmetrisches Reflexions-System MRS18

für Buntton $h^* = lab^*h = 164/360 = 0.457$ lab^*ch und lab^*nch

D65: Buntton G

LCH*Ma: 56 66 164

rgb*Ma: 0.1 1.0 0.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 91$

relative Inform. Technology (IT)

olvi3* 1.0 1.0 1.0 (1.0)

cmyn3* 0.0 0.0 0.0 (0.0)

olvi4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

LAB*LAB 95.41 -0.97 4.75

LAB*LAB 95.41 0.0 0.0

LAB*LAB 99.99 0.01 0.0

relative CIELAB lab*

lab*lab 1.0 0.0 0.0

lab*ch 1.0 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 1.0 0.0 0.0

lab*ch 1.0 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.75 0.75 0.75 (1.0)

cmyn3* 0.25 0.25 0.25 (0.0)

olvi4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

LAB*LAB 76.06 -0.6 3.44

LAB*LAB 76.06 0.0 0.0

LAB*LAB 75.00 0.01 -

relative CIELAB lab*

lab*lab 0.75 0.0 0.0

lab*ch 0.75 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.75 0.0 0.0

lab*ch 0.75 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.5 0.5 0.5 (0.0)

cmyn3* 0.5 0.5 0.5 (0.0)

olvi4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

LAB*LAB 56.71 -0.23 2.14

LAB*LAB 56.71 0.0 0.0

LAB*LAB 50.00 0.01 -

relative CIELAB lab*

lab*lab 0.5 0.0 0.0

lab*ch 0.5 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.5 0.0 0.0

lab*ch 0.5 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.25 0.25 0.25 (1.0)

cmyn3* 0.75 0.75 0.75 (0.0)

olvi4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

LAB*LAB 37.36 -0.38 0.83

LAB*LAB 37.36 0.0 0.0

LAB*LAB 25.00 0.01 -

relative CIELAB lab*

lab*lab 0.25 0.0 0.0

lab*ch 0.25 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.25 0.0 0.0

lab*ch 0.25 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (0.0)

olvi4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

LAB*LAB 18.02 0.0 0.46

LAB*LAB 18.02 0.0 0.0

LAB*LAB 0.01 0.01 -

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (0.0)

olvi4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

LAB*LAB 18.02 0.0 0.46

LAB*LAB 18.02 0.0 0.0

LAB*LAB 0.01 0.01 -

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

MRS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50BMa	45.03	-36.57	-28.47	46.36	218
BMa	36.65	23.19	-63.05	67.18	290
B50RMa	34.94	57.17	-44.26	72.31	322
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

 $g^*_{H,rel} = 41$ $g^*_{C,rel} = 52$

relative Inform. Technology (IT)

olvi3* 0.551 0.5 0.5 (1.0)

cmyn3* 0.449 0.0 0.5 (0.0)

olvi4* 0.551 1.0 0.5 (1.0)

cmyn4* 0.449 0.0 0.5 (0.0)

LAB*LAB 75.74 -32.2 12.22

LAB*LAB 75.74 -31.6 8.79

LAB*LAB 75.0 32.81 164.46

relative CIELAB lab*

lab*lab 0.746 -0.481 0.134

lab*ch 0.75 0.5 0.457

lab*nch 0.0 0.5 0.457

relative Natural Colour (NC)

lab*lab 0.746 -0.481 0.134

lab*ch 0.75 0.5 0.5

lab*nch 0.0 0.5 0.5

relative Inform. Technology (IT)

olvi3* 0.301 0.5 0.5 (1.0)

cmyn3* 0.699 0.25 0.75 (0.0)

olvi4* 0.551 1.0 0.5 0.75

cmyn4* 0.449 0.0 0.5 0.25

LAB*LAB 56.39 -31.84 10.92

LAB*LAB 56.39 -31.61 8.79

LAB*LAB 50.0 32.81 164.46

relative CIELAB lab*

lab*lab 0.619 -0.721 0.201

lab*ch 0.625 0.75 0.457

lab*nch 0.0 0.75 0.457

relative Natural Colour (NC)

lab*lab 0.619 -0.721 0.201

lab*ch 0.625 0.75 0.5

lab*nch 0.0 0.75 0.5

relative Inform. Technology (IT)

olvi3* 0.031 0.5 0.5 (1.0)

cmyn3* 0.949 0.5 1.0 (0.0)

olvi4* 0.551 1.0 0.5 0.5

cmyn4* 0.449 0.0 0.5 0.5

LAB*LAB 37.04 -31.47 9.6

LAB*LAB 37.04 -31.6 8.79

LAB*LAB 25.01 32.81 164.47

relative CIELAB lab*

lab*lab 0.246 -0.481 0.134

lab*ch 0.25 0.5 0.457

lab*nch 0.0 0.5 0.457

relative Natural Colour (NC)

lab*lab 0.246 -0.481 0.134

lab*ch 0.25 0.5 0.5

lab*nch 0.0 0.5 0.5

relative Inform. Technology (IT)

olvi3* 0.028 0.5 0.5 (1.0)

cmyn3* 0.974 0.75 1.0 (0.0)

olvi4* 0.551 1.0 0.5 0.5

cmyn4* 0.449 0.0 0.5 0.5

LAB*LAB 27.52 -15.8 4.57

LAB*LAB 27.52 -15.8 4.39

LAB*LAB 12.5 16.4 164.49

relative CIELAB lab*

lab*lab 0.123 -0.24 0.067

lab*ch 0.125 0.25 0.457

lab*nch 0.0 0.25 0.457

relative Natural Colour (NC)

lab*lab 0.123 -0.24 0.0

lab*ch 0.125 0.25 0.5

lab*nch 0.0 0.25 0.5

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (0.0)

olvi4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

LAB*LAB 18.02 0.0 0.46

LAB*LAB 18.02 0.0 0.0

LAB*LAB 0.01 0.01 -

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.327 1.0 0.5 (1.0)

cmyn3* 0.673 0.0 0.5 (0.0)

olvi4* 0.327 1.0 0.5 1.0

cmyn4* 0.673 0.0 0.5 0.5

LAB*LAB 65.9 -47.82 15.96

LAB*LAB 65.9 -47.41 13.19

LAB*LAB 62.5 49.22 164.46

relative CIELAB lab*

lab*lab 0.619 -0.721 0.201

lab*ch 0.625 0.75 0.457

lab*nch 0.0 0.75 0.457

relative Natural Colour (NC)

lab*lab 0.619 -0.721 0.201

lab*ch 0.625 0.75 0.5

lab*nch 0.0 0.75 0.5

relative Inform. Technology (IT)

olvi3* 0.103 1.0 0.0 (1.0)

cmyn3* 0.897 0.0 1.0 (0.0)

olvi4* 0.103 1.0 0.0 1.0

cmyn4* 0.897 0.0 1.0 0.5

LAB*LAB 56.07 -63.44 19.68

LAB*LAB 56.07 -63.21 17.58

LAB*LAB 50.0 65.62 164.46

relative CIELAB lab*

lab*lab 0.482 -0.962 0.268

lab*ch 0.5 1.0 0.457

lab*nch 0.0 1.0 0.457

relative Natural Colour (NC)

lab*lab 0.482 -0.962 0.268

lab*ch 0.5 1.0 0.5

lab*nch 0.0 1.0 0.5

relative Inform. Technology (IT)

olvi3* 0.293 0.25 1.0 (0.0)

cmyn3* 0.705 0.75 0.5 (0.0)

olvi4* 0.327 1.0 0.25 0.75

cmyn4* 0.673 0.0 0.75 0.25

LAB*LAB 46.55 -47.46 14.64

LAB*LAB 46.55 -47.41 13.18

LAB*LAB 37.51 49.22 164.47

relative CIELAB lab*

lab*lab 0.369 -0.722 0.201

lab*ch 0.375 0.75 0.457

lab*nch 0.0 0.75 0.457

relative Natural Colour (NC)

lab*lab 0.369 -0.722 0.201

lab*ch 0.375 0.75 0.5

lab*nch 0.0 0.75 0.5

relative Inform. Technology (IT)

olvi3* 0.089 0.25 0.5 (0.0)

cmyn3* 0.911 0.5 1.0 (0.0)

olvi4* 0.089 0.25 0.5 1.0

cmyn4* 0.911 0.5 1.0 0.5

LAB*LAB 37.04 -31.47 9.6

LAB*LAB 37.04 -31.6 8.79

LAB*LAB 25.01 32.81 164.47

relative CIELAB lab*

lab*lab 0.246 -0.481 0.134

lab*ch 0.25 0.5 0.457

lab*nch 0.0 0.5 0.457

relative Natural Colour (NC)

lab*lab 0.246 -0.481 0.134

lab*ch 0.25 0.5 0.5

lab*nch 0.0 0.5 0.5

relative Inform. Technology (IT)

olvi3* 0.028 0.25 0.5 (0.0)

cmyn3* 0.974 0.75 1.0 (0.0)

olvi4* 0.028 0.25 0.5 1.0

cmyn4* 0.974 0.75 1.0 0.5

LAB*LAB 27.52 -15.8 4.57

LAB*LAB 27.52 -15.8 4.39

LAB*LAB 12.5 16.4 164.49

relative CIELAB lab*

lab*lab 0.123 -0.24 0.067

lab*ch 0.125 0.25 0.457

lab*nch 0.0 0.25 0.457

relative Natural Colour (NC)

lab*lab 0.123 -0.24 0.0

lab*ch 0.125 0.25 0.5

lab*nch 0.0 0.25 0.5

 $n^* = 0.00$ $n^* = 0.25$ $n^* = 0.50$ $n^* = 0.75$ $n^* = 1.00$ $n^* = 1.25$ $n^* = 1.50$ $n^* = 1.75$ $n^* = 2.00$ $n^* = 2.25$ $n^* = 2.50$ $n^* = 2.75$ $n^* = 3.00$ $n^* = 3.25$ $n^* = 3.50$ $n^* = 3.75$ $n^* = 4.00$ $n^* = 4.25$ $n^* = 4.50$ $n^* = 4.75$ $n^* = 5.00$ $n^* = 5.25$ $n^* = 5.50$ $n^* = 5.75$ $n^* = 6.00$ $n^* = 6.25$ $n^* = 6.50$ $n^* = 6.75$ $n^* = 7.00$ $n^* = 7.25$ $n^* = 7.50$ $n^* = 7.75$ $n^* = 8.00$ $n^* = 8.25$ $n^* = 8.50$ $n^* = 8.75$ $n^* = 9.00$ $n^* = 9.25$ $n^* = 9.50$ $n^* = 9.75$ $n^* = 10.00$ $n^* = 10.25$ $n^* = 10.50$ $n^* = 10.75$ $n^* = 11.00$ $n^* = 11.25$ $n^* = 11.50$ $n^* = 11.75$ $n^* = 12.00$ $n^* = 12.25$ $n^* = 12.50$ $n^* = 12.75$ $n^* = 13.00$ $n^* = 13.25$ $n^* = 13.50$ $n^* = 13.75$ $n^* = 14.00$ $n^* = 14.25$ $n^* = 14.50$ $n^* = 14.75$ $n^* = 15.00$ $n^* = 15.25$ $n^* = 15.50$ $n^* = 15.75$ $n^* = 16.00$ $n^* = 16.25$ $n^* = 16.50$ $n^* = 16.75$ $n^* = 17.00$ $n^* = 17.25$ $n^* = 17.50$ $n^* = 17.75$ $n^* = 18.00$ $n^* = 18.25$ $n^* = 18.50$ $n^* = 18.75$ $n^* = 19.00$ $n^* = 19.25$ $n^* = 19.50$ $n^* = 19.75$ $n^* = 20.00$ $n^* = 20.25$ $n^* = 20.50$ $n^* = 20.75$ $n^* = 21.00$ $n^* = 21.25$ $n^* = 21.50$ $n^* = 21.75$ $n^* = 22.00$ $n^* = 22.25$ $n^* = 22.50$ $n^* = 22.75$

Eingabe: Farbmetrisches Reflexions-System MRS18

für Buntton $h^* = lab^*h = 271/360 = 0.754$

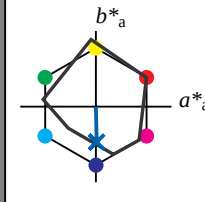
lab^*ch und lab^*nch

D65: Buntton B

LCH*Ma: 40 50 271

rgb*Ma: 0.0 0.37 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 91$

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	1.0	1.0	1.0	(1.0)
olvi6*	0.0	0.0	0.0	(0.0)
olvi7*	1.0	1.0	1.0	(1.0)
olvi8*	0.0	0.0	0.0	(0.0)
olvi9*	1.0	1.0	1.0	(1.0)
olvi10*	0.0	0.0	0.0	(0.0)
olvi11*	1.0	1.0	1.0	(1.0)
olvi12*	0.0	0.0	0.0	(0.0)
olvi13*	1.0	1.0	1.0	(1.0)
olvi14*	0.0	0.0	0.0	(0.0)
olvi15*	1.0	1.0	1.0	(1.0)
olvi16*	0.0	0.0	0.0	(0.0)
olvi17*	1.0	1.0	1.0	(1.0)
olvi18*	0.0	0.0	0.0	(0.0)
olvi19*	1.0	1.0	1.0	(1.0)
olvi20*	0.0	0.0	0.0	(0.0)
olvi21*	1.0	1.0	1.0	(1.0)
olvi22*	0.0	0.0	0.0	(0.0)
olvi23*	1.0	1.0	1.0	(1.0)
olvi24*	0.0	0.0	0.0	(0.0)
olvi25*	1.0	1.0	1.0	(1.0)
olvi26*	0.0	0.0	0.0	(0.0)
olvi27*	1.0	1.0	1.0	(1.0)
olvi28*	0.0	0.0	0.0	(0.0)
olvi29*	1.0	1.0	1.0	(1.0)
olvi30*	0.0	0.0	0.0	(0.0)
olvi31*	1.0	1.0	1.0	(1.0)
olvi32*	0.0	0.0	0.0	(0.0)
olvi33*	1.0	1.0	1.0	(1.0)
olvi34*	0.0	0.0	0.0	(0.0)
olvi35*	1.0	1.0	1.0	(1.0)
olvi36*	0.0	0.0	0.0	(0.0)
olvi37*	1.0	1.0	1.0	(1.0)
olvi38*	0.0	0.0	0.0	(0.0)
olvi39*	1.0	1.0	1.0	(1.0)
olvi40*	0.0	0.0	0.0	(0.0)
olvi41*	1.0	1.0	1.0	(1.0)
olvi42*	0.0	0.0	0.0	(0.0)
olvi43*	1.0	1.0	1.0	(1.0)
olvi44*	0.0	0.0	0.0	(0.0)
olvi45*	1.0	1.0	1.0	(1.0)
olvi46*	0.0	0.0	0.0	(0.0)
olvi47*	1.0	1.0	1.0	(1.0)
olvi48*	0.0	0.0	0.0	(0.0)
olvi49*	1.0	1.0	1.0	(1.0)
olvi50*	0.0	0.0	0.0	(0.0)
olvi51*	1.0	1.0	1.0	(1.0)
olvi52*	0.0	0.0	0.0	(0.0)
olvi53*	1.0	1.0	1.0	(1.0)
olvi54*	0.0	0.0	0.0	(0.0)
olvi55*	1.0	1.0	1.0	(1.0)
olvi56*	0.0	0.0	0.0	(0.0)
olvi57*	1.0	1.0	1.0	(1.0)
olvi58*	0.0	0.0	0.0	(0.0)
olvi59*	1.0	1.0	1.0	(1.0)
olvi60*	0.0	0.0	0.0	(0.0)
olvi61*	1.0	1.0	1.0	(1.0)
olvi62*	0.0	0.0	0.0	(0.0)
olvi63*	1.0	1.0	1.0	(1.0)
olvi64*	0.0	0.0	0.0	(0.0)
olvi65*	1.0	1.0	1.0	(1.0)
olvi66*	0.0	0.0	0.0	(0.0)
olvi67*	1.0	1.0	1.0	(1.0)
olvi68*	0.0	0.0	0.0	(0.0)
olvi69*	1.0	1.0	1.0	(1.0)
olvi70*	0.0	0.0	0.0	(0.0)
olvi71*	1.0	1.0	1.0	(1.0)
olvi72*	0.0	0.0	0.0	(0.0)
olvi73*	1.0	1.0	1.0	(1.0)
olvi74*	0.0	0.0	0.0	(0.0)
olvi75*	1.0	1.0	1.0	(1.0)
olvi76*	0.0	0.0	0.0	(0.0)
olvi77*	1.0	1.0	1.0	(1.0)
olvi78*	0.0	0.0	0.0	(0.0)
olvi79*	1.0	1.0	1.0	(1.0)
olvi80*	0.0	0.0	0.0	(0.0)
olvi81*	1.0	1.0	1.0	(1.0)
olvi82*	0.0	0.0	0.0	(0.0)
olvi83*	1.0	1.0	1.0	(1.0)
olvi84*	0.0	0.0	0.0	(0.0)
olvi85*	1.0	1.0	1.0	(1.0)
olvi86*	0.0	0.0	0.0	(0.0)
olvi87*	1.0	1.0	1.0	(1.0)
olvi88*	0.0	0.0	0.0	(0.0)
olvi89*	1.0	1.0	1.0	(1.0)
olvi90*	0.0	0.0	0.0	(0.0)
olvi91*	1.0	1.0	1.0	(1.0)
olvi92*	0.0	0.0	0.0	(0.0)
olvi93*	1.0	1.0	1.0	(1.0)
olvi94*	0.0	0.0	0.0	(0.0)
olvi95*	1.0	1.0	1.0	(1.0)
olvi96*	0.0	0.0	0.0	(0.0)
olvi97*	1.0	1.0	1.0	(1.0)
olvi98*	0.0	0.0	0.0	(0.0)
olvi99*	1.0	1.0	1.0	(1.0)
olvi100*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olvi3*	0.75	0.842	1.0	(1.0)
olvi4*	0.25	0.158	0.0	(0.0)
olvi5*	0.75	0.842	1.0	(1.0)
olvi6*	0.25	0.158	0.0	(0.0)
olvi7*	0.75	0.842	1.0	(1.0)
olvi8*	0.25	0.158	0.0	(0.0)
olvi9*	0.75	0.842	1.0	(1.0)
olvi10*	0.25	0.158	0.0	(0.0)
olvi11*	0.75	0.842	1.0	(1.0)
olvi12*	0.25	0.158	0.0	(0.0)
olvi13*	0.75	0.842	1.0	(1.0)
olvi14*	0.25	0.158	0.0	(0.0)
olvi15*	0.75	0.842	1.0	(1.0)
olvi16*	0.25	0.158	0.0	(0.0)
olvi17*	0.75	0.842	1.0	(1.0)
olvi18*	0.25	0.158	0.0	(0.0)
olvi19*	0.75	0.842	1.0	(1.0)
olvi20*	0.25	0.158	0.0	(0.0)
olvi21*	0.75	0.842	1.0	(1.0)
olvi22*	0.25	0.158	0.0	(0.0)
olvi23*	0.75	0.842	1.0	(1.0)
olvi24*	0.25	0.158	0.0	(0.0)
olvi25*	0.75	0.842	1.0	(1.0)
olvi26*	0.25	0.158	0.0	(0.0)
olvi27*	0.75	0.842	1.0	(1.0)
olvi28*	0.25	0.158	0.0	(0.0)
olvi29*	0.75	0.842	1.0	(1.0)
olvi30*	0.25	0.158	0.0	(0.0)
olvi31*	0.75	0.842	1.0	(1.0)
olvi32*	0.25	0.158	0.0	(0.0)
olvi33*	0.75	0.842	1.0	(1.0)
olvi34*	0.25	0.158	0.0	(0.0)
olvi35*	0.75	0.842	1.0	(1.0)
olvi36*	0.25	0.158	0.0	(0.0)
olvi37*	0.75	0.842	1.0	(1.0)
olvi38*	0.25	0.158	0.0	(0.0)
olvi39*	0.75	0.842	1.0	(1.0)
olvi40*	0.25	0.158	0.0	(0.0)
olvi41*	0.75	0.842	1.0	(1.0)
olvi42*	0.25	0.158	0.0	(0.0)
olvi43*	0.75	0.842	1.0	(1.0)
olvi44*	0.25	0.158	0.0	(0.0)
olvi45*	0.75	0.842	1.0	(1.0)
olvi46*	0.25	0.158	0.0	(0.0)
olvi47*	0.75	0.842	1.0	(1.0)
olvi48*	0.25	0.158	0.0	(0.0)
olvi49*	0.75	0.842	1.0	(1.0)
olvi50*	0.25	0.158	0.0	(0.0)
olvi51*	0.75	0.842	1.0	(1.0)
olvi52*	0.25	0.158	0.0	(0.0)
olvi53*	0.75	0.842	1.0	(1.0)
olvi54*	0.25	0.158	0.0	(0.0)
olvi55*	0.75	0.842	1.0	(1.0)
olvi56*	0.25	0.158	0.0	(0.0)
olvi57*	0.75	0.842	1.0	(1.0)
olvi58*	0.25	0.158	0.0	(0.0)
olvi59*	0.75	0.842	1.0	(1.0)
olvi60*	0.25	0.158	0.0	(0.0)
olvi61*	0.75	0.842	1.0	(1.0)
olvi62*	0.25	0.158	0.0	(0.0)
olvi63*	0.75	0.842	1.0	(1.0)
olvi64*	0.25	0.158	0.0	(0.0)
olvi65*	0.75	0.842	1.0	(1.0)
olvi66*	0.25	0.158	0.0	(0.0)
olvi67*	0.75	0.842	1.0	(1.0)
olvi68*	0.25	0.158	0.0	(0.0)
olvi69*	0.75	0.842	1.0	(1.0)
olvi70*	0.25	0.158	0.0	(0.0)
olvi71*	0.75	0.842	1.0	(1.0)
olvi72*	0.25	0.158	0.0	(0.0)
olvi73*	0.75	0.842	1.0	(1.0)
olvi74*	0.25	0.158	0.0	(0.0)
olvi75*	0.75	0.842	1.0	(1.0)
olvi76*	0.25	0.158	0.0	(0.0)
olvi77*	0.75	0.842	1.0	(1.0)
olvi78*	0.25	0.158	0.0	(0.0)
olvi79*	0.75	0.842	1.0	(1.0)
olvi80*	0.25	0.158	0.0	(0.0)
olvi81*	0.75	0.842	1.0	(1.0)
olvi82*	0.25	0.158	0.0	(0.0)
olvi83*	0.75	0.842	1.0	(1.0)
olvi84*	0.25	0.158	0.0	(0.0)
olvi85*	0.75	0.842	1.0	(1.0)
olvi86*	0.25	0.158	0.0	(0.0)
olvi87*	0.75	0.842	1.0	(1.0)
olvi88*	0.25	0.158	0.0	(0.0)
olvi89*	0.75	0.842	1.0	(1.0)
olvi90*	0.25	0.158	0.0	(0.0)
olvi91*	0.75	0.842	1.0	(1.0)
olvi92*	0.25	0.158	0.0	(0.0)
olvi93*	0.75	0.842	1.0	(1.0)
olvi94*	0.25	0.158	0.0	(0.0)
olvi95*	0.75	0.842	1.0	(1.0)
olvi96*	0.25	0.158	0.0	(0.0)
olvi97*	0.75	0.842	1.0	(1.0)
olvi98*	0.25	0.158	0.0	(0.0)
olvi99*	0.75	0.842	1.0	(1.0)
olvi100*	0.25	0.158	0.0	(0.0)

MRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50BMa	45.03	-36.57	-28.47	46.36	218
BMa	36.65	23.19	-63.05	67.18	290
B50RMa	34.94	57.17	-44.26	72.31	322
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

$g^*_{H,rel} = 41$

$g^*_{C,rel} = 52$

Ausgabe: Farbmetrisches Reflexions-System ORS18

für Buntton $h^* = lab^*h = 271/360 = 0.754$

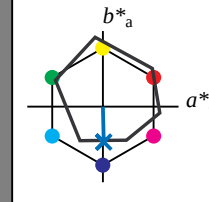
lab^*ch und lab^*nch

D65: Buntton B

LCH*Ma: 42 45 271

rgb*Ma: 0.0 0.49 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
olvi3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	1.0
olvi4*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	95.41	-0.97	4.75
LAB*LABa	95.41	0.0	0.0